LONGTON LANE PRIMARY SCHOOL SUBJECT: DT YEAR 1

 *‘Believe and Achieve’*

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|  | National Curriculum Subject ContentDesign* design purposeful, functional, appealing products for themselves and other users based on design criteria **1**
* generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology **2**

Make* select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] **3**
* select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics **4**

Evaluate* explore and evaluate a range of existing products **5**
* evaluate their ideas and products against design criteria **6**

Technical knowledge* build structures, exploring how they can be made stronger, stiffer and more stable **7**
* explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.8

Cooking and Nutrition* use the basic principles of a healthy and varied diet to prepare dishes **9**
* understand where food comes from. **10**
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| Year Group | **Bridges****Construction - Levers/Sliders** | **Pizza****Cooking and nutrition** | **Fabric Books****Textiles** |
|  1 | Think of some ideas of their ownExplain what they want to doUse pictures and words to planDescribe their finished creations and if appropriate how they work Talk about how they could make their creation betterTalk about their own work and things that other people have doneMake a structure using different materialsMake their model stronger if it needs to beTalk with others about how they want to construct their productSelect appropriate resources and tools for their building projectsMake simple plans before making objects e.g. drawings, arranging pieces of construction before building | Think of some ideas of their ownExplain what they want to doUse pictures and words to planDescribe their finished creations and if appropriate how they work Talk about how they could make their creation betterTalk about their own work and things that other people have doneCut food safelyDescribe the texture of foodsWash their hands and make sure that surfaces are cleanThink of interesting designs when creating a food productUnderstand where food comes from | Think of some ideas of their ownExplain what they want to doUse pictures and words to planDescribe their finished creations and if appropriate how they work Talk about how they could make their creation betterTalk about their own work and things that other people have doneMeasure textilesJoin textiles together to make somethingCut textilesExplain why they chose a certain textile |

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| **Developing, planning and communicating ideas** | **Working with tools, equipment, materials and components to make quality products** | **Evaluating processes and products** | **Cooking and nutrition** | **Textiles** | **Mechanisms** | **Use of materials** | **Construction** |